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## ABSTRACT OF THE DISCLOSURE

A variable gain circuit includes a variable gain amplifier which receives an input signal, outputs an amplified signal, and includes a first field-effect transistor, a gain control signal compensation circuit which outputs a gain control signal for controlling the gain of the variable gain amplifier and includes a second field-effect transistor, and a gain deviation correction circuit which corrects a gain deviation based on the variable gain amplifier and the gain control signal compensation circuit.

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